

ABSTRACT OF THE DISCLOSURE

Systems and methods are described for the measurement of time delay, time delay variation and cell transfer rate in asynchronous transfer mode networks. A method includes generating a time-stamp information cell at a first location; transmitting the time-stamp
 5 information cell to a second location via a network link; and receiving the time-stamp information cell at the second location. An apparatus includes an asynchronous transfer mode network including a time delay information cell generator.